



SFIS Workshop

Contract Writing - CSE

November 2005

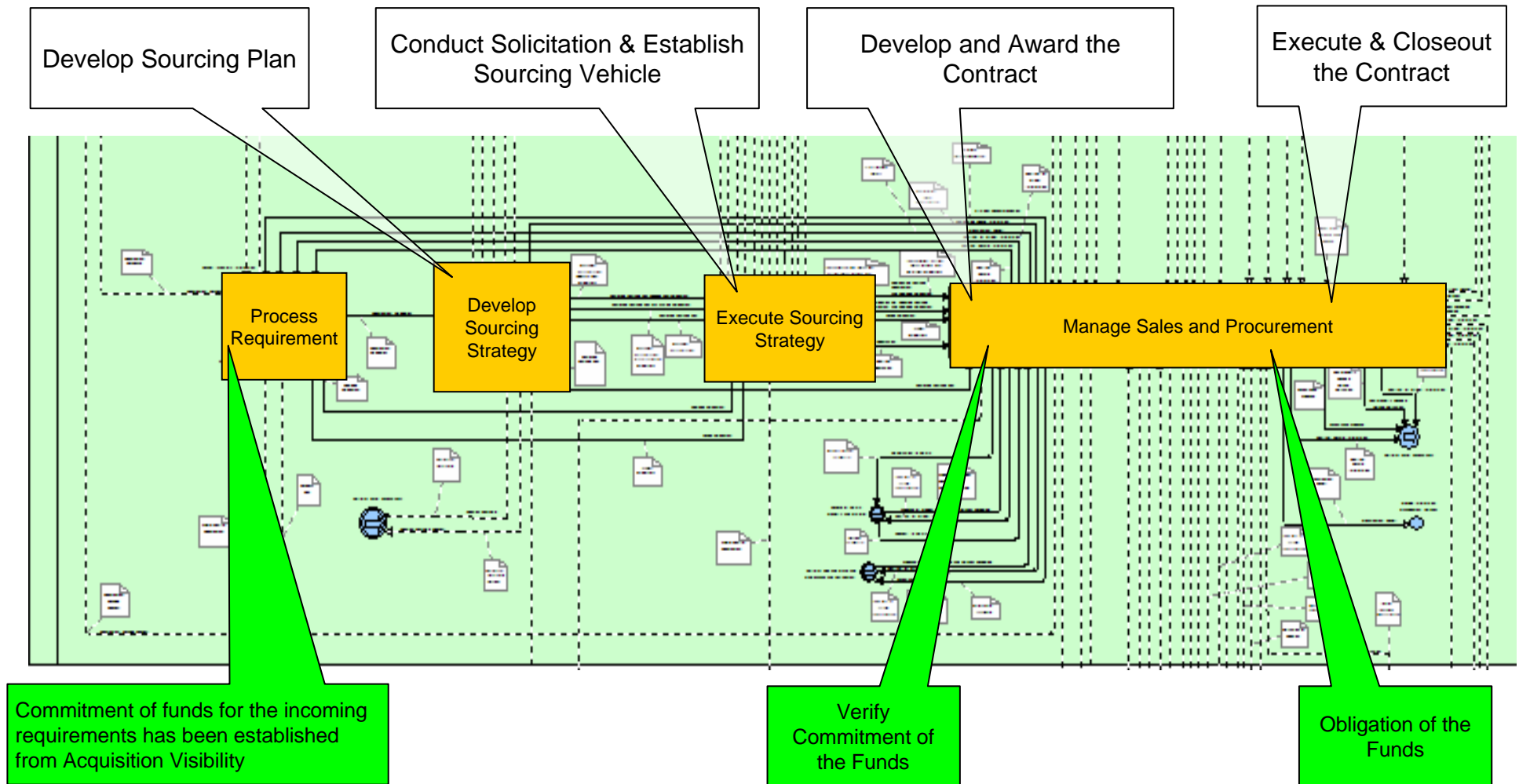


Objectives for Briefing

- ▶ Describe CSE Sourcing and Contract Writing architecture processes
- ▶ Discuss representation of Contract and Sourcing Plan data structures within the CSE data architecture, and their relationship to Demand Unique Identifier (DUID) data structures
- ▶ Examine the role of DUID in the CSE Sourcing and Contract Writing processes



CSE: Overview





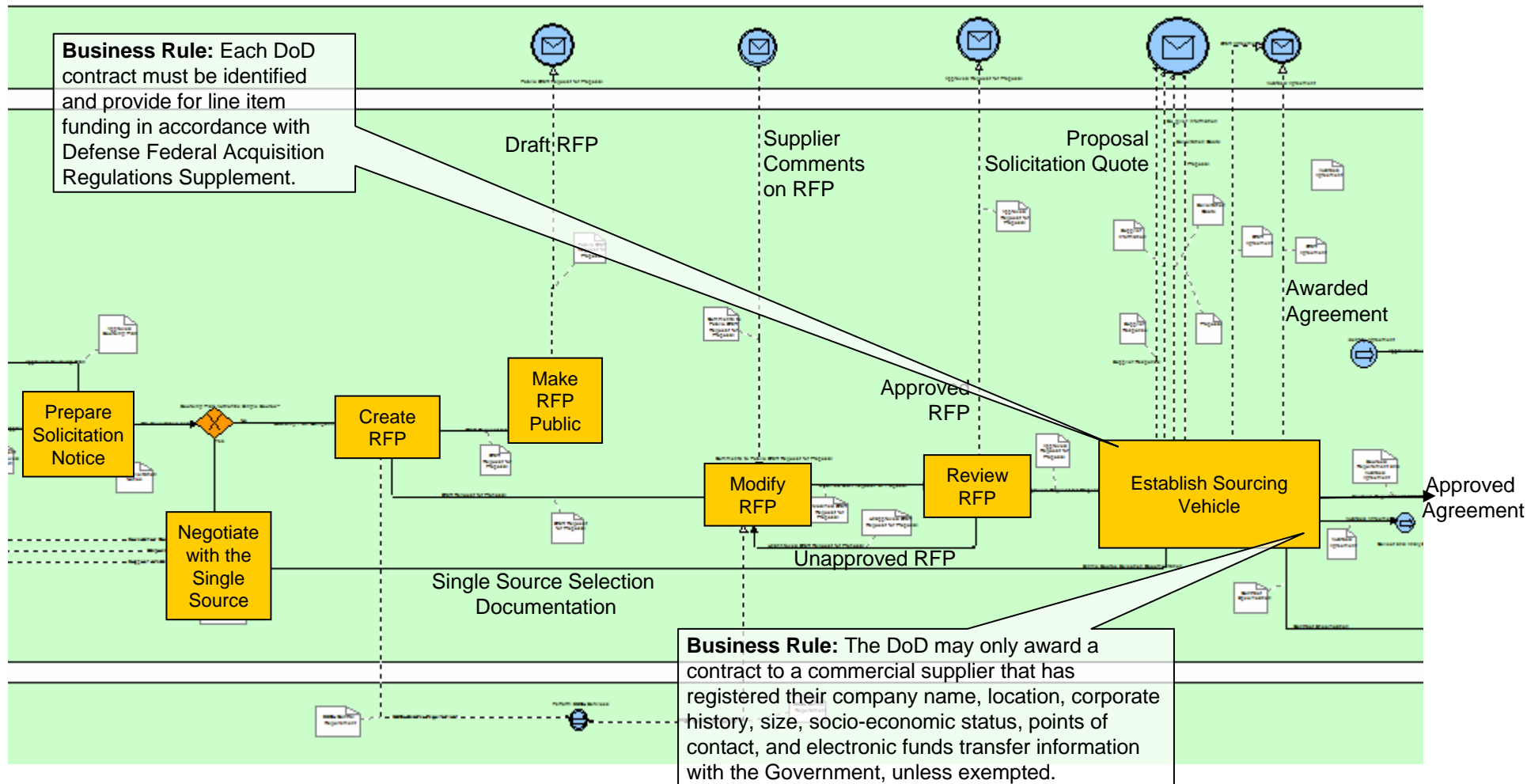
CSE: Conduct Solicitation (External Supplier)

Process
Req't

Develop
Sourcing
Strategy

Execute
Sourcing
Strategy

Manage
Sales &
Procurement





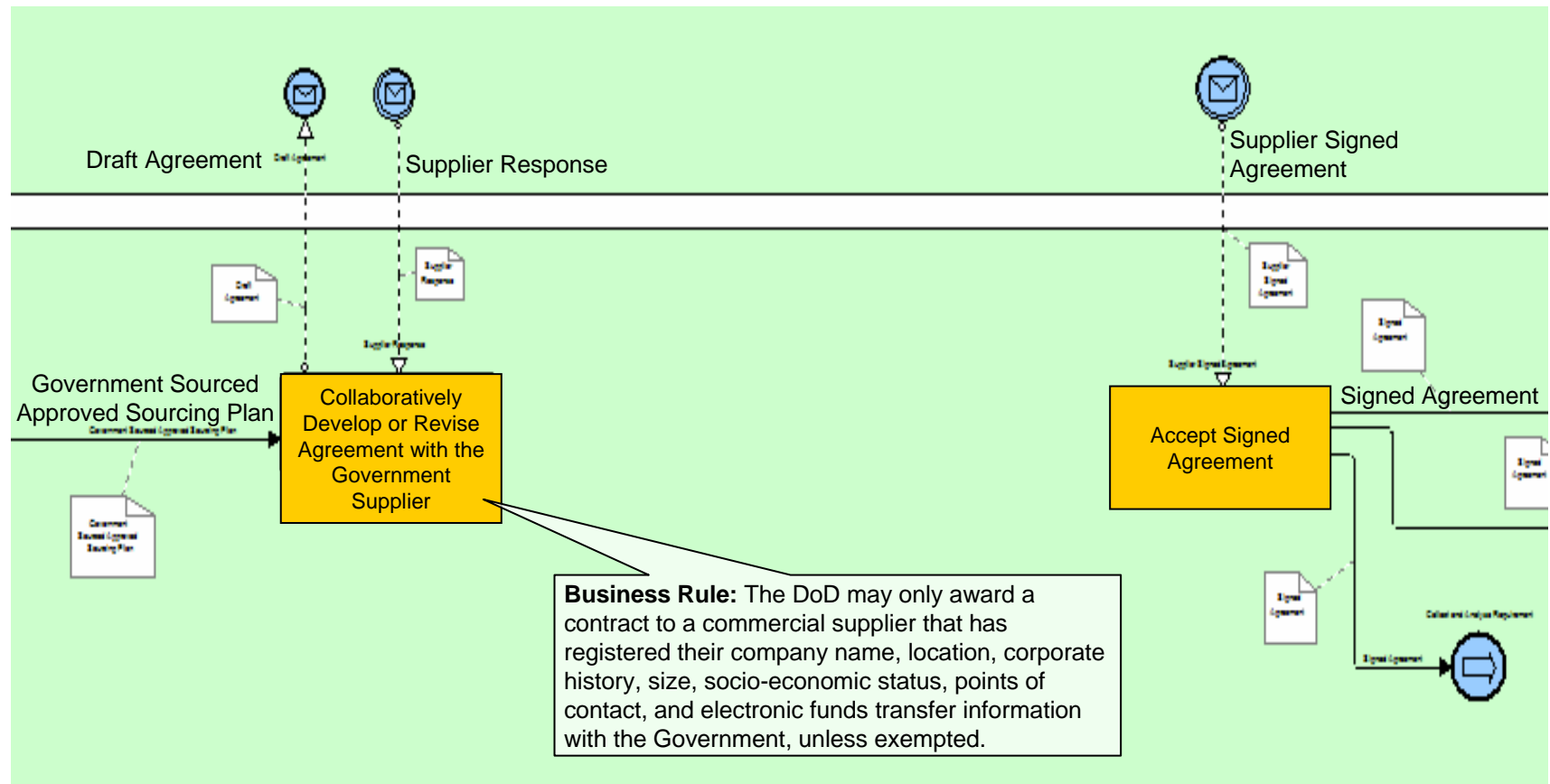
CSE: Establish Sourcing Vehicle w/ Government Source (DoD Supplier)

Process
Req't

Develop
Sourcing
Strategy

Execute
Sourcing
Strategy

Manage
Sales &
Procurement





CSE: Administer the Contract

Process
Req't

Develop
Sourcing
Strategy

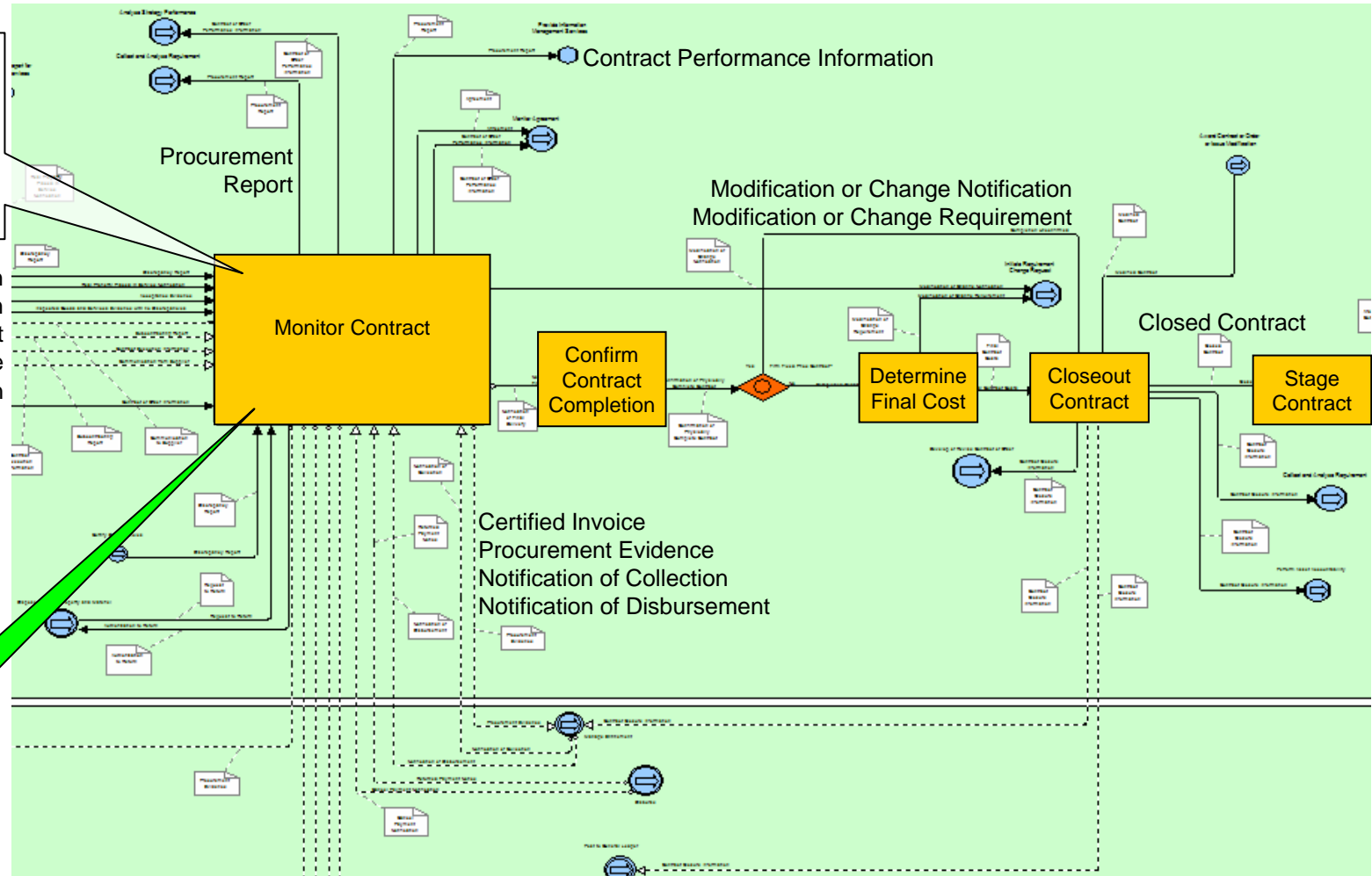
Execute
Sourcing
Strategy

Manage
Sales &
Procurement

Business Rule: When there is a Unique Identifier (UID) clause in the contract and the supplier does not include UID information on the invoice, the government acceptor must reject the invoice.

Contract Execution Information
Subcontracting Information
Discrepancy Report
Acceptance Evidence
Contract or Order Information

Obligation of
the Funds





Demand Unique Identifier (DUID) Overview in CSE

- ▶ From the SFIS CONOPS, Appendix E
 - “The DUID serves as a reference throughout the process of fulfilling the demand and satisfying any associated financial transactions, e.g., commitment, obligation, disbursement.”
 - “...generate the DUID in one of two ways, multiple funding sources within the demand or multiple funding sources within the demand line item. A series of suffixes will achieve uniqueness across the life cycle of each transaction.”
- ▶ The CSE Data Architecture includes a set of constructs to define and relate the concept of “Demand” and associated “Demand Line Items” to:
 - Sourcing Plans
 - Obligations associated with Purchase Contracts



Review: Tracing DUID back to funding

ACCOUNTING-CLASSIFICATION-STRUCTURE

Accounting_Classification_Structure_Allocation_Unique_Identifier

Accounting_Classification_Structure_Contingency_Code
Accounting_Classification_Structure_Agency_Disbursing_Identifier_Code
Accounting_Classification_Structure_Agency_Accounting_Identifier_Code
Accounting_Classification_Structure_Reimbursable_Source_Major_Code
Accounting_Classification_Structure_Amount
Accounting_Classification_Structure_Description_Text
Accounting_Classification_Structure_Activation_Date
Accounting_Classification_Structure_Capability_Code
Accounting_Classification_Structure_Inactivation_Date
Funding_Center_Code (FK)
Work_Center_Identifier (FK)
Budget_Line_Item_Number (FK)
Budget_Sub_Activity_Number (FK)
Budget_Activity_Number (FK)
Business_Plan_Budget_Period_Identifier (FK)
Business_Plan_Budget_Identifier (FK)
Treasury_Appropriation_Fund_Symbol_Period_Of_Availability_Begin_Date (FK)
Treasury_Appropriation_Fund_Symbol_Period_Of_Availability_End_Date (FK)
Department_Regular_Code (FK)
Department_Transfer_Code (FK)
US_Federal_Government_Organization_Identifier (FK)
Main_Account_Code (FK)
Object_Class_Code (FK)
Job_Order_Number (FK)
Activity_Based_Costing_Activity_Identifier (FK)

Represents a line of accounting that indicates allocation of funds and AUID.

Identifies sources of funds for

DEMAND-LINE-ITEM

Demand_Line_Item_Demand_Unique_Identifier
Demand_Unique_Identifier (FK)

Demand_Line_Item_Type_Code
Demand_Line_Item_Description_Text
Accounting_Classification_Structure_Allocation_Unique_Identifier (FK)
Acquisition_Element_Identifier (FK)
Demand_Line_Item_Funds_Committed_Amount

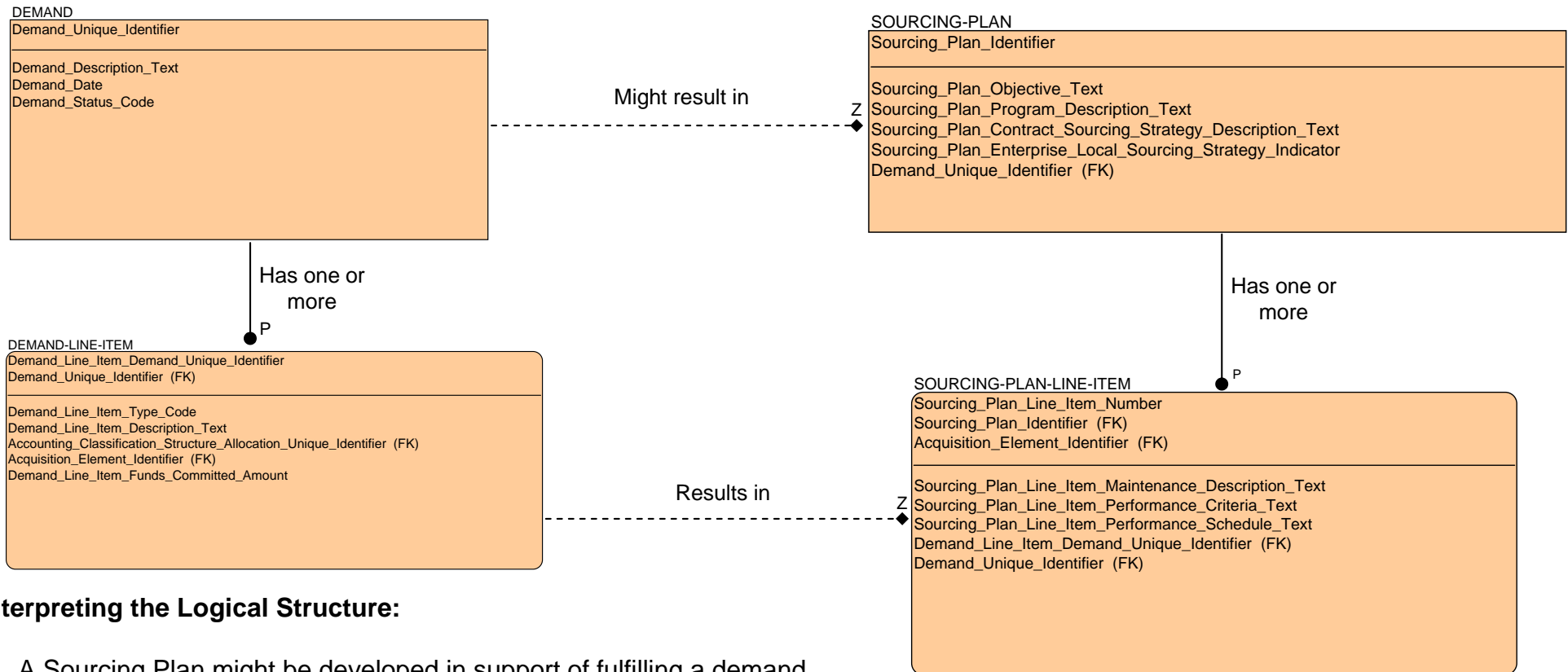
Represents a funded request to ... execute the fulfillment of a clearly defined need.

Relationship to ACCOUNTING-CLASSIFICATION-STRUCTURE depicts/enforces the following rules:

- ▶ A Demand Unique Identifier (DUID) will relate to only one AUID.
- ▶ May have multiple DUIDs associated with one AUID.
- ▶ The relationship between Demand Line Item and Accounting Classification Structure (ACS) is not optional (i.e., the ACS must exist prior to the related Demand Line Items)



DUID and Sourcing Plans



Interpreting the Logical Structure:

- ▶ A Sourcing Plan might be developed in support of fulfilling a demand.
- ▶ If a Sourcing Plan exists for a demand, then each Demand Line Item is supported by a corresponding Sourcing Plan Line Item.



DUID and Contract Line Items

DEMAND-LINE-ITEM

Demand_Line_Item_Demand_Unique_Identifier
Demand_Unique_Identifier (FK)

Demand_Line_Item_Type_Code
Demand_Line_Item_Description_Text
Accounting_Classification_Structure_Allocation_Unique_Identifier (FK)
Acquisition_Element_Identifier (FK)
Demand_Line_Item_Funds_Committed_Amount

CONTRACT-LINE-ITEM

Contract_Line_Item_Number
Contract_Identifier (FK)

Contract_Line_Item_Type_Code
Contract_Line_Item_Date
Contract_Line_Item_Status_Code
Contract_Line_Item_Terms_Rate
Contract_Line_Item_Terms_Days_Amount
Contract_Line_Item_Discount_Rate
Contract_Line_Item_Fixed_Fee_Rate
Contract_Line_Item_Service_Fee_Code
Contract_Line_Item_Supplies_Services_Description_Text
Contract_Line_Item_Role_Code
Accounting_Classification_Structure_Allocation_Unique_Identifier (FK)
Contract_Line_Item_Match_Rule_Identifier (FK)
Acquisition_Element_Identifier (FK)

PURCHASE-DEMAND-ITEM

Demand_Line_Item_Demand_Unique_Identifier (FK)
Demand_Unique_Identifier (FK)

PURCHASE-CONTRACT-LINE-ITEM

Contract_Identifier (FK)
Contract_Line_Item_Number (FK)
Purchase_Contract_Line_Item_Category_Code
Demand_Line_Item_Demand_Unique_Identifier (FK)
Demand_Unique_Identifier (FK)

Might result in

Interpreting the Logical Structure:

- ▶ A specific type of Demand Line Item, Purchase Demand, is fulfilled by a Purchase Contract in the CSE model
- ▶ Depending on the result of the solicitation or sourcing process, a Purchase Demand (including DUID) is fulfilled by zero, one, or more Purchase Contract Line Items representing obligated funds for the commitment

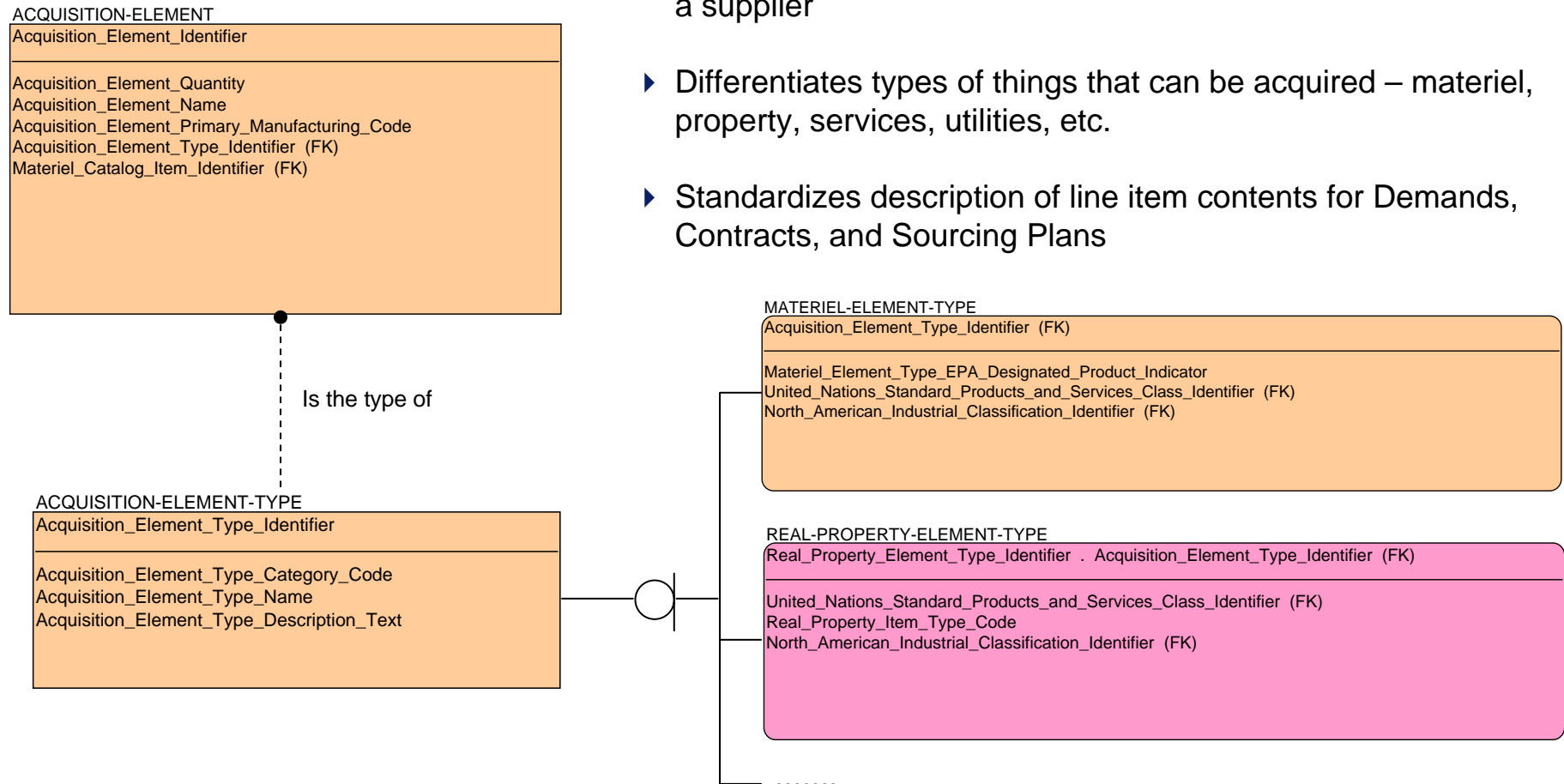
Demand Line Item can be fulfilled by contract line items from more than one Purchase contract.



Acquisition Element Construct

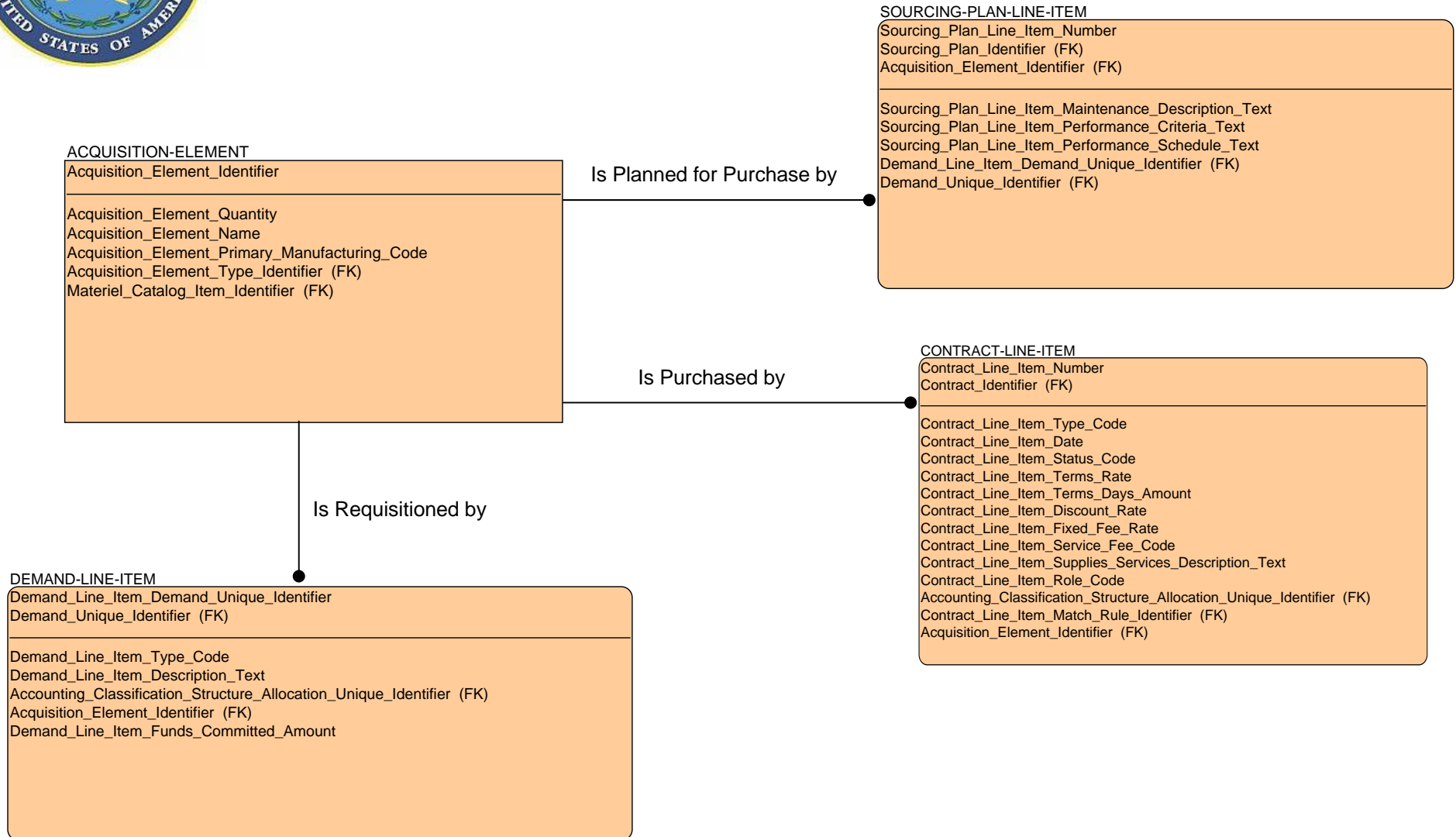
Interpreting the Logical Structure:

- ▶ Acquisition Element is anything that might be acquired by DoD from a supplier
- ▶ Differentiates types of things that can be acquired – materiel, property, services, utilities, etc.
- ▶ Standardizes description of line item contents for Demands, Contracts, and Sourcing Plans



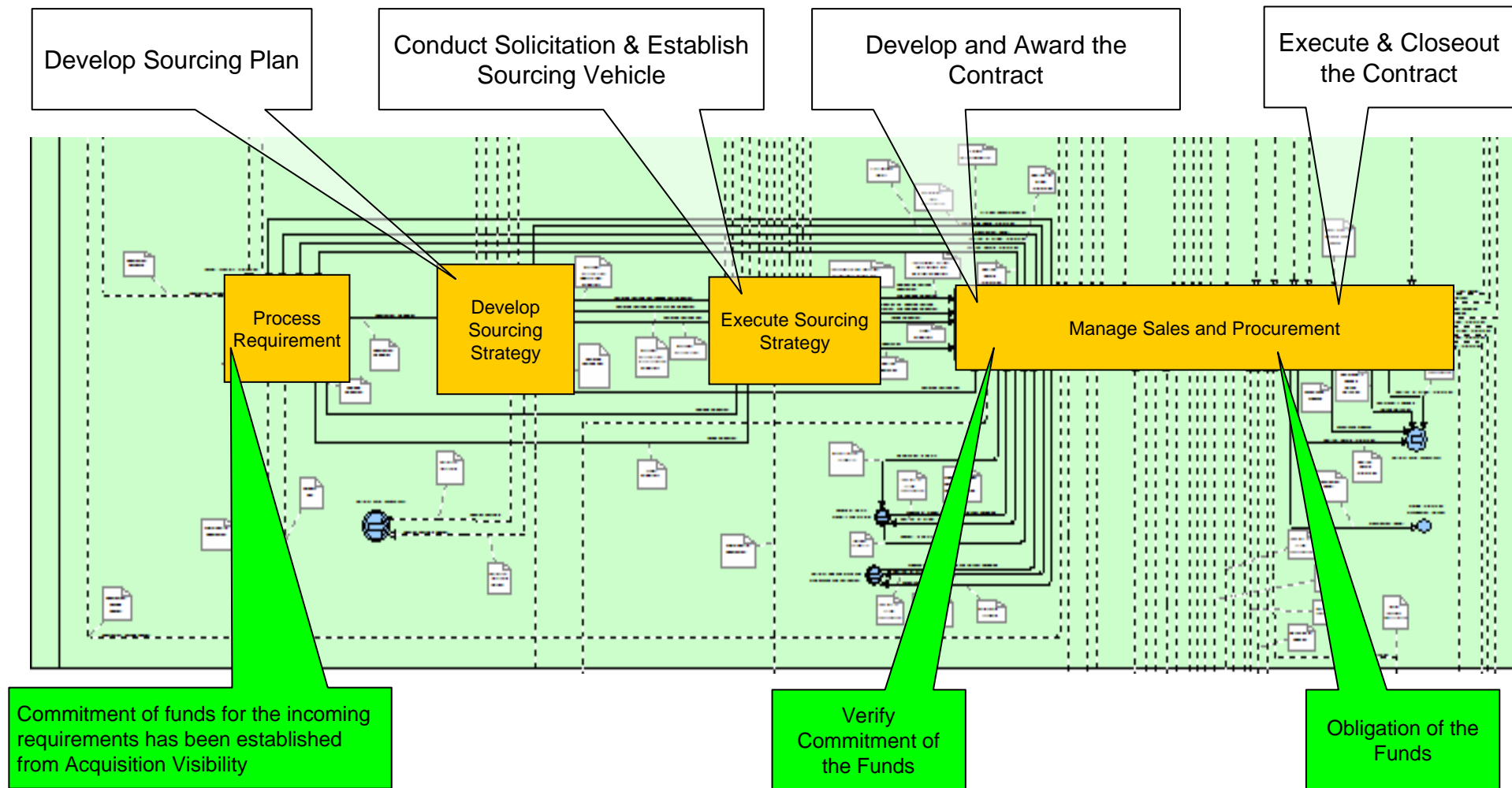


Acquisition Element and Contracting





DUID in the CSE Process Model





| Backup



DUID Business Rules

- ▶ DUID established unique numbers will allow for either of the following constructs:
 - If multiple funding sources within the demand - Demand Number Plus Suffix for each funding source.
 - If multiple funding sources within demand line items -Demand Number Plus Suffix for each demand line item and second suffix for each funding source
- ▶ Commitment accounting is required based on authority and availability of funds upon the creation of the DUID, unless otherwise authorized by OUSD (C).
- ▶ A DUID must be created when funds are committed.
- ▶ A Demand Unique Identifier (DUID) will relate to only one AUID.
- ▶ May have multiple DUIDs associated with one AUID.
- ▶ Obligation data is uniquely identified at the line item or sub-line item level
- ▶ DUID is suffixed at sub-line item level.
- ▶ Subsequent UIDs will be associated with precedent UIDs.



Logical Data Model – Demand and Demand Line Item structures supporting IERs and Processes

